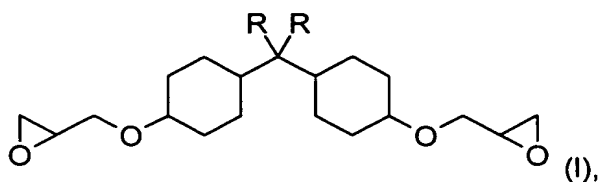


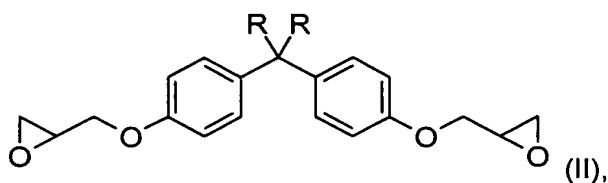
Heterogeneous ruthenium catalyst, process for hydrogenating a carbocyclic aromatic group and ring-hydrogenated bisglycidyl ethers of bisphenols A and F

Abstract

Heterogeneous ruthenium catalyst comprising silicon dioxide as support material, wherein the catalyst surface comprises alkaline earth metal ions (M^{2+}), process for hydrogenating a carbocyclic aromatic group to form the corresponding carbocyclic aliphatic group, in particular a process for preparing bisglycidyl ethers of the formula I



where R is CH_3 or H, by ring hydrogenation of the corresponding aromatic bisglycidyl ether of the formula II



in which the abovementioned heterogeneous ruthenium catalyst is used, and bisglycidyl ethers of the formula I which can be prepared by the abovementioned process.